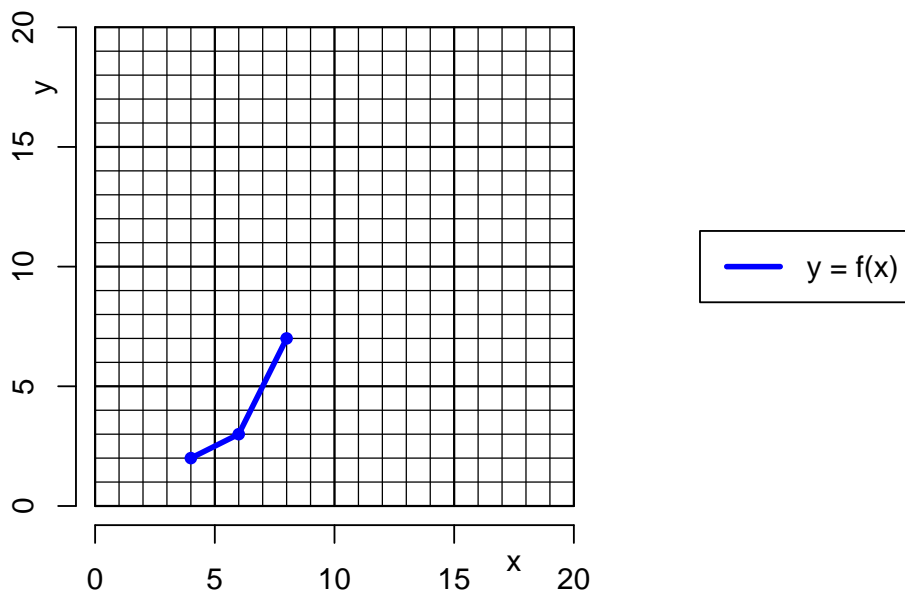# PCW_09_18 Find new points after transformation (version 29)

Question 1

Curve $y = f(x)$ contains points $(4, 2)$ and $(6, 3)$ and $(8, 7)$, as shown on the x-y plane below.
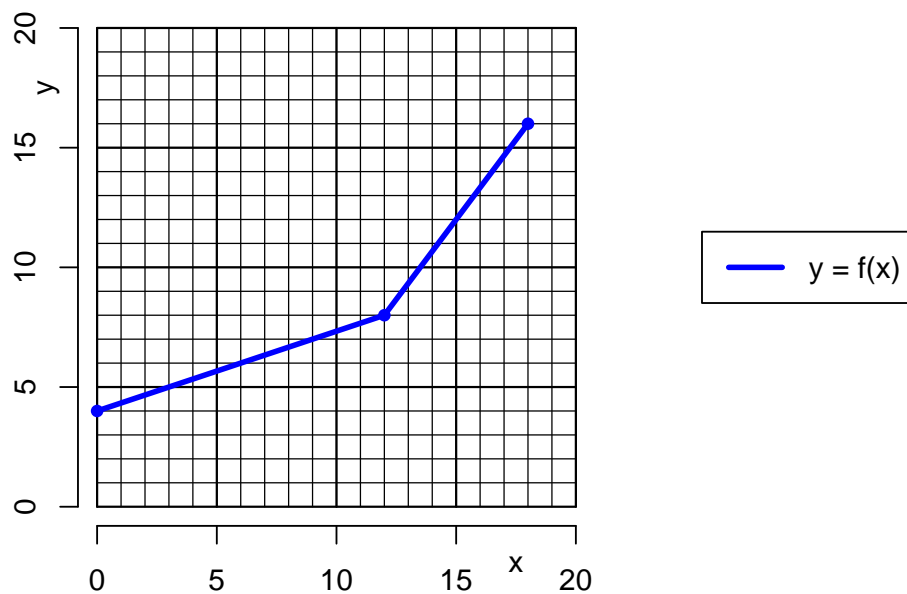

On the same plane, please draw the curve represented by the equation below:

$$y = 3f\left[\frac{x+4}{2}\right] - 6$$

Question 2

Curve $y = f(x)$ contains points $(0, 4)$ and $(12, 8)$ and $(18, 16)$, as shown on the x-y plane below.

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f[3x - 6]}{2} + 4$$